Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	10/665,049	VARON LIGHTING, INC.	
	Examiner	Art Unit	
	Thuy V. Tran	2821	

All Participants:

(1) *Thuy V. Tran*.

(2) *Mr. William C. Clarke (Reg.: 27427)*.

Status of Application: *pending*

(3) _____.

(4) _____.

Date of Interview: *21 September 2004*

Time: *3:00 PM ET*

Type of Interview:
☒ Telephonic
☐ Video Conference
☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes ☒ No
If Yes, provide a brief description: .

Part I.

Rejection(s) discussed:
none

Claims discussed:
1-25

Prior art documents discussed:
US Patent No. 6,456,511

Part II.

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:
See Continuation Sheet

Part III.

☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.

☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

(Examiner/SPE Signature) (Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: A teleconference was made to discuss about the corrections to be made to the drawings, the specification, and the claims to improve antecedent basis and to clarify numerous unclear claimed subject matter resulting in resolving 112/2nd paragraph issues, and leading to an authorized Examiner's Amendment including:

In the specification:

Page 12, line 4, change "Circuit No. 1" to --The first circuit--;

Page 12, line 6, change "Circuit No. 2" to -The second circuit--;

Page 12, line 7, change "Circuit No. 3" to --The third circuit--;

Page 12, lines 8-9, change "Circuit No. 4" to --The fourth circuit--;

Page 12, line 11, change "lighting" to --lighting--;

Page 13, lines 13-17, delete "wherein said equalizing means oscillator circuit... zener diode of the DC voltage reference circuit";

Page 16, lines 1-5, delete "wherein said equalizing means oscillator circuit... zener diode of the DC voltage reference circuit";

In the claims:

Claim 1, line 1, delete "means";

Claim 1, line 5, delete "means"; and change "the" to --an--;

Claim 1, line 9, delete "means";

Claim 1, line 12, delete "means";

Claim 1, lines 13-18, delete "wherein said equalizing means oscillator circuit ... voltage reference circuit";

Claim 1, line 19, delete "means";

Claim 1, line 20, delete "said DC voltage equaling circuit";

Claim 1, line 21, insert --lamp filament voltage equalizing oscillator-- between "start" and "circuit";

Claim 1, line 23, delete "voltage divider and";

Claim 1, line 25, delete "means"; and change "circuit triac" to --triac circuit--;

Claim 1, line 27, delete "means";

Claim 1, line 28, delete "circuit" and insert --AC mains power line supply control configured-- therefor;

Claim 1, line 29, insert --DC-- in front of "voltage"; and insert --oscillator-- between "reference" and "circuit"; and delete "means";

Claim 1, line 30, change "circuit triac" to --triac circuit--; and change "for coupling" to --being coupled--; and insert --a-- between "between" and "pulsing";

Claim 1, line 31, insert --output-- between "level" (first occurrence) and "of" (first occurrence); insert --DC-- between "said" (first occurrence) and "voltage" (second occurrence); insert --oscillator-- between "reference" and "circuit"; insert --an-- between "and" and "AC" (first occurrence); and insert --input-- between "level" (second occurrence) and "of" (second occurrence);

Claim 1, line 32, insert --means-- between "source" and ",";

Claim 1, line 33, delete "means";

Claim 1, line 34, insert --AC power-- between "said" and "line"; and insert --circuit-- between "triac" and ".";

Claim 2, line 1, delete "means"; and insert --of said AC power source means-- between "voltage" (second occurrence) and "is";

Claim 2, line 2, delete "output voltage";

Claim 3, line 1, delete "means";

Claim 4, line 1, delete "means";

Claim 4, line 3, delete "a" (any of them);

Claim 5, line 1, delete "means";

Claim 6, line 1, delete "means";

Claim 6, line 2, insert --means-- between "source" and "is";

Claim 7, line 1, delete "means";

Claim 7, line 2, change "source" to --supply--; and insert --converted to-- between "is" and "a";

Claim 8, line 1, delete "means";

Claim 8, line 2, change "power line control triac is an" to --AC power line supply control triac circuit is connected to the--;

Claim 9, line 1, delete "means" (first and second occurrences);

Claim 9, line 5, insert --filament voltage equalizing oscillator-- between "lamp" and "circuit" (first occurrence); and delete "means";

Claim 10, line 1, delete "means";

Claim 10, line 2, delete "means";

Claim 10, line 3, delete "control" and insert --lamp filament voltage equalizing oscillator-- therefor;

Claim 10, line 4, delete "means";

Claim 11, line 1, delete "means";

Claim 11, line 3, insert --DC-- between "said" and "voltage" (second occurrence); and delete "means";

Claim 12, line 1, delete "means";

Claim 12, line 3, change "the" to --a--; and delete "of";

Claim 13, line 1, insert --for incandescent lamps, lamp loads, LED arrays, and LED array loads-- between "source" and "providing"; and change "the" to --a--; and delete "of";

Claim 13, line 2, change "wherein" to --comprising--; and change "provides" to --to provide--;

Claim 13, line 4, insert --and-- between "," and "to";

Claim 13, line 5, delete "of" and insert --further-- after "source";

Claim 13, line 7, delete "a."; and insert --means-- between "source" and "comprising";

Claim 13, line 9, delete "b."; and delete "a voltage regulator means circuit for lamps and lamp loads";

Claim 13, line 12, change "voltage output" to --the output voltage--;

Claim 13, line 13, insert --the-- between "match" and "internal";

Claim 13, line 14, delete "power line supply source" and insert --said-- therefor;

Claim 13, line 16, insert --the-- between "of" and "incandescent"; and change "and" (first and second occurrences) to --or--;

Claim 13, line 17, change "and" to --or--; delete "." and insert --in operation;-- therefor;

Claim 13, in the line following the line 17, add:

--and wherein the voltage regulator circuit comprises:

a voltage sensing circuit for sensing the output of said step-down transformer comprising a full-wave bridge rectifier circuit to provide a pulsing DC voltage, a spike filter capacitor and a filter capacitor to suppress ripple currents;

a soft-start lamp filament voltage equalizing oscillator circuit to limit inrush currents, said soft-start lamp filament voltage equalizing oscillator circuit connected to a pulsing DC voltage output of said full-wave bridge rectifier circuit of said voltage sensing circuit, said soft-start lamp filament voltage equalizing oscillator circuit comprising a zener diode and a capacitor;

a DC voltage reference oscillator circuit for providing a DC voltage reference level across output of said soft-start oscillator circuit comprising a zener diode, a transistor, and a current limiter network of two resistors to provide an oscillation process wherein oscillation frequency is per values of said zener diode, said current limiter network of two resistors and said transistor to control conduction of an AC power line supply control triac circuit within predetermined voltage level ranges; and

an AC mains power line supply control circuit for regulating voltage output of said 115V AC to 480V AC power supply, said AC mains power line supply control circuit configured across said DC voltage reference oscillator circuit comprising said AC power line supply control triac circuit, an opto-isolator triac driver being coupled between a pulsing DC voltage level output of said DC voltage reference oscillator circuit and an AC voltage level input of said AC power source means, a capacitor to initiate conduction of said AC power line control supply triac circuit at start-up, and a resistor to limit current applied to said AC line control triac circuit.--

Claim 14: canceled;

Claim 15, line 1, delete "means"; and insert --of said AC power source means-- between "voltage" (second occurrence) and "is";

Claim 16, line 1, delete "means";

Claim 17, line 1, delete "means";

Claim 17, line 2, delete "a" (any occurrence);

Claim 18, line 1, delete "means";

Claim 19, line 1, delete "means";

Claim 19, line 2, insert --means-- between "source" and "is";

Claim 20, line 1, delete "means";

Claim 20, line 2, change "source" to --supply--; and insert --converted to-- between "is" and "a";

Claim 21, line 1, delete "means";

Claim 21, lines 1 and 2, change "power line control triac is an" to --AC power line supply control triac circuit is connected to the--;

Claim 22, line 1, delete "means" (first and second occurrences);

Claim 22, line 5, insert --filament voltage equalizing oscillator-- between "lamp" and "circuit" (first occurrence); and delete "means";

Claim 23, line 1, delete "means"; and insert --the-- between "wherein" and "internal";

Claim 23, line 2, delete "means";

Claim 23, line 3, delete "control" and insert --lamp filament voltage equalizing oscillator-- therefor;
Claim 23, line 4, delete "means";
Claim 24, line 1, delete "means";
Claim 24, line 3, change "an" to --the--; and insert --DC-- between "said" and "voltage" (second occurrence); and delete "means";
Claim 25, line 1, delete "means"; and
Claim 25, line 3, delete "of"; and
In the drawings:
Mr. William C. Clarke agreed to provide a new set of replacement sheets of drawings including legible reference numerals/textual characters described in the specification, corrected legend remarks, and uniform drawing lines..